

Cool Season Grass Performance in Montana (Irrigated Trials, est. 2001)

				Bozeman					Kalispell					Statewide %Mean
				2002 Total Tons DM/A	2003 Total Tons DM/A	2004 Total Tons DM/A	2002-2004 Tons DM/A	%Mean	2002 Total Tons DM/A	2003 Total Tons DM/A	2004 Total Tons DM/A	2002-2004 Tons DM/A	%Mean	
Source														
MacBeth	Meadow brome	<i>Bromus riparius</i> (=biebersteinii)	MSU	4.58	2.78	4.04	11.40	149	5.16	4.00	2.48	13.71	138	144
Hykor	Festulolium	<i>L. multiflorum</i> x <i>F. arundinacea</i> hybrid	DLF-Jenks	4.29	1.98	3.10	9.37	123	7.39	4.05	2.19	13.63	137	130
Paddock	Meadow brome	<i>Bromus riparius</i> (=biebersteinii)	check	4.61	2.86	2.79	10.26	135	5.64	4.22	2.48	12.34	124	129
Fleet	Meadow brome	<i>Bromus riparius</i> (=biebersteinii)	check	4.29	2.56	2.56	9.41	123	5.86	4.54	2.61	13.00	131	127
Montana	Meadow brome	<i>Bromus riparius</i> (=biebersteinii)	Forage Genetics	4.59	2.47	3.19	10.25	134	7.23	3.99	2.58	11.74	118	126
Fawn	Tall fescue	<i>Festuca arundinacea</i>	check	3.73	1.53	2.18	7.44	97	7.30	5.05	2.75	15.10	152	125
Martin 2	Tall fescue	<i>Festuca arundinacea</i>	Cabeco	3.92	1.73	3.02	8.67	114	6.29	4.59	2.53	13.41	135	124
Forager	Tall fescue	<i>Festuca arundinacea</i>	check	4.02	1.70	2.11	7.83	103	6.62	5.04	2.44	14.10	142	122
Regar	Meadow brome	<i>Bromus riparius</i> (=biebersteinii)	check	4.64	2.84	2.53	10.01	131	5.27	3.41	2.41	11.09	112	122
Manchar	Smooth brome	<i>Bromus inermis</i>	check	4.69	2.27	2.40	9.36	123	4.43	2.82	1.71	8.97	90	107
Magna	Smooth brome	<i>Bromus inermis</i>	check	4.22	2.07	2.40	8.70	114	5.16	2.87	1.67	9.70	98	106
Blizzard	Alaska brome	<i>Bromus sitchensis</i>	DLF-Jenks	3.73	1.58	1.82	7.13	93	4.47	2.63	1.71	10.88	110	102
Hakari	Alaska brome	<i>Bromus sitchensis</i>	Barenbrug	4.57	1.18	1.89	7.65	100	5.53	2.63	1.73	9.89	100	100
Intensiv	orchardgrass	<i>Dactylis glomerata</i>	Barenbrug	3.20	0.72	3.99	7.90	103	3.86	3.11	2.10	9.08	92	98
TM 9501	timothy	<i>Phleum pratense</i>	Allied	3.85	1.87	2.64	8.36	110	3.58	2.71	2.04	8.32	84	97
Sherman	Big bluegrass	<i>Poa ampla</i>	L & H	3.16	2.96	3.57	9.69	127	1.35	1.52	2.65	5.78	58	93
OG 9204	orchardgrass	<i>Dactylis glomerata</i>	Allied	3.26	1.13	2.61	7.00	92	3.93	2.83	2.20	8.96	90	91
Laura	Meadow fescue	<i>Festuca pratensis</i>	DLF-Jenks	3.30	1.42	2.10	6.82	89	3.84	2.32	1.53	9.17	92	91
Climax	timothy	<i>Phleum pratense</i>	check	2.94	1.51	2.41	6.85	90	3.80	2.99	2.24	9.03	91	90
Bilbo	timothy	<i>Phleum pratense</i>	DLF-Jenks	3.43	1.42	2.19	7.04	92	3.53	2.85	2.08	8.45	85	89
Vega	timothy	<i>Phleum pratense</i>	DLF-Jenks	2.80	1.66	2.29	6.74	88	3.70	2.96	2.01	8.68	87	88
Potomac	orchardgrass	<i>Dactylis glomerata</i>	check	3.59	1.28	2.19	7.07	93	3.38	2.63	2.11	8.13	82	87
Fure	Meadow fescue	<i>Festuca pratensis</i>	DLF-Jenks	3.17	1.24	2.20	6.61	87	4.47	2.41	1.58	8.46	85	86
Pauite	orchardgrass	<i>Dactylis glomerata</i>	check	3.41	1.12	1.69	6.22	81	3.68	2.72	2.34	8.75	88	85
Joliette	timothy	<i>Phleum pratense</i>	Bruce	3.50	1.12	1.60	6.23	82	3.79	2.79	2.11	8.68	87	85
Profile	orchardgrass	<i>Dactylis glomerata</i>	DLF-Jenks	3.30	1.11	2.30	6.71	88	3.23	2.59	2.12	7.94	80	84
Park	Kentucky bluegrass	<i>Poa pratensis</i>	check	2.15	1.62	2.18	5.95	78	4.32	1.94	1.35	7.61	77	77
Mustang	perennial ryegrass	<i>Lolium perenne</i>	DLF-Jenks	1.55	0.60	1.66	3.81	50	6.53	1.37	1.54	9.44	95	73
Linn	perennial ryegrass	<i>Lolium perenne</i>	check	1.69	0.59	1.78	4.05	53	5.69	1.19	1.52	8.41	85	69
Platini	Forage bluegrass	<i>Poa pratensis</i>	DLF-Jenks	1.50	0.87	1.94	4.30	56	2.65	1.24	1.14	5.03	51	54
	Mean			3.52	1.66	2.45	7.63	100	4.72	2.95	2.07	9.92	100	100
	Isd(0.05)			0.81	0.69	0.97	1.76		1.25	0.80	0.47	1.97		
	CV%			16.3	29.7	28.2	16.4		19.5	NA	NA	NA		